

IN THE CLAIMS

WHAT IS CLAIMED IS:

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1. (Amended) A veterinary composition for the treatment of animal pruritis comprising:
- a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1); and
 - b) a shampoo

- a¹⁸ 2. (Amended) The veterinary composition of claim 1 wherein the at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1) is selected from a group consisting of KPV, VPK-Ac-CC- Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.
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4. (Amended) A method of treating animal pruritis comprising:
- a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1); and
 - b) administration via a shampoo

- a¹⁹ 5. (Amended) The method of claim 4 wherein the at least one polypeptide with a terminal sequence KPV is selected from a group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.
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- a²⁰ 7. (Amended) A veterinary composition for the treatment of animal pruritis comprising:
- a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

- b) a shampoo; and
- c) a therapeutically effective amount of an anti-inflammatory agent.

8. (Amended) The veterinary composition of claim 7 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

14. (Amended) A method of treatment of animal pruritis comprising:

a) an administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) an administration of a therapeutically effective amount of an anti-inflammatory agent;

and

c) an administration of a shampoo.

15. The method of treatment in claim 14 wherein the at least one polypeptide with an terminal sequence KPV is selected from a group consisting KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

21. (Amended) A veterinary composition for the treatment of animal pruritis comprising:

a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) a shampoo; and

c) a therapeutically effective amount of an antibiotic.

a²² 22. (Amended) The veterinary composition of claim 22 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

25. (Amended) A method of treatment of pruritis in animals consisting of:

- a²³
- a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);
 - b) administration a shampoo; and
 - c) administration of a therapeutically effective amount of an antibiotic.

26. (Amended) The method of treatment of claim 26 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

29. (Amended) A veterinary composition for the treatment of animal pruritis comprising:

- a²⁴
- a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);
 - b) a shampoo; and
 - c) a therapeutically effective amount of an antifungal.

30. (Amended) The veterinary composition of claim 30 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

33. (Amended) A method of treatment of pruritis in animals consisting of:

a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) administration a shampoo; and

c) administration of a therapeutically effective amount of an antifungal.

Q²⁵ 34. (Amended) The method of treatment of claim 34 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.
